

# Review Sheet for Exam 1 in Marine Science

1. Understand what a system is and how the Earth can be considered a system.
2. Know the inputs, processes and outputs of the earth system and how it functions as an open system.
3. Contrast open and closed systems.
4. Know all of the oceans on the planet.
5. Understand how we use technology to understand the features of the ocean.
6. Describe how human activities contribute to problems with the earth system. Be specific.
7. Recognize the issues that arise from use of common resources and methods of avoiding problems from over-exploitation of those resources.
8. Familiarize yourself with major historical trends in conservation and management of national coastlines.
9. Understand the delineations of a country's territorial seas and its exclusive economic zone.
10. Know the features of the sea floor and the typical topographic profile of the ocean bottom.

11. Explain how movements of crustal plates can contribute to geological processes

12. Compare and contrast modern oceanography with historical oceanography. What is similar? What is different?

13. Explain how the ocean affects us and other living things.